

California Weather-Hydro Conditions during May 2015

As of May 31, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 50 percent of average to date; snow water content, 0 percent of average to date (0 percent of the April 1 average); and reservoir storage, 60 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through May 31, 2015 was about 8.0 million acre-feet (MAF), which is about 51 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through May 31, 2014 was about 6.2 MAF, or about 40 percent of average.

On May 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 35.2 inches, which is about 74 percent of the seasonal average to date and 70 percent of an average water year (50.0 inches). During May, the total precipitation for the 8-Stations was 1.2 inches, or about 57 percent of average for the month. Last year on May 31, the Water Year 2014 seasonal total for the 8-Stations was 28.8 inches, or about 61 percent of average.

On May 31, the San Joaquin 5-Station Precipitation Index Water Year total was 17.4 inches, which is about 45 percent of the seasonal average to date and 43 percent of an average water year (40.8 inches). During May, the total precipitation for the 5-Stations was 1.4 inches, or about 78 percent of average for the month. Last year on May 31, the Water Year 2014 seasonal total for the 5-Stations was 19.2 inches, or about 49 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 06/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	33.55	82	12.05	29	77
Eureka	29.86	78	16.88	44	74
Redding	22.51	68	16.12	49	65
South Lake Tahoe	11.65	64	13.15	72	57
Sacramento Executive Airport	15.37	86	8.92	50	83
Santa Rosa (Sonoma Co AP)	22.25	63	13.70	38	61
San Francisco	17.43	75	11.95	51	74
Stockton	10.58	77	6.99	51	75
Yosemite	15.64	43	16.48	46	41
Monterey	14.51	92	8.30	53	90
Paso Robles	8.21	66	4.91	40	64
Fresno	6.42	58	4.91	44	56
Bakersfield	5.29	84	2.41	38	82
Death Valley	1.05	55	1.02	54	44
Los Angeles	8.39	58	5.74	39	56
Riverside	4.83	41	1.87	16	39
Palm Springs	2.19	46	0.92	19	38
San Diego	8.73	87	4.90	49	84

Key Reservoir Storage (1,000 AF) as of 05/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,024	2,114	48	2,448	42	---	1,424
Shasta Lake	Sacramento	2,404	3,901	62	4,552	53	-2,148	2,148
Lake Oroville	Feather	1,565	2,990	52	3,538	44	-1,973	1,973
New Bullards Bar Res	Yuba	558	837	67	930	60	-408	408
Folsom Lake	American	535	821	65	977	55	-442	442
New Melones Res	Stanislaus	453	1,519	30	2,400	19	-1,967	1,967
Don Pedro Res	Tuolumne	826	1,553	53	2,030	41	-1,176	1,204
Lake McClure	Merced	129	701	18	1,025	13	-838	896
Millerton Lake	San Joaquin	177	403	44	520	34	-343	343
Pine Flat Res	Kings	265	722	37	1,000	27	-735	735
Isabella	Kern	44	299	15	568	8	-318	524
San Luis Res	(Offstream)	1,090	1,617	67	2,041	53	---	949

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for June 2015, issued May 31, 2015, suggests equal chances of wet or dry conditions for almost all of California, except for the extreme northwest portion of the State where below average precipitation is suggested.